Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Tuesday 26 Sep 2023 until 23:59 on Wednesday 27 Sep 2023

Forecast Issued on Tuesday 26 Sep 2023 at 02:30

Confidence: High confidence in overall story but moderate for the extent and timing of the heavy showers on Tuesday. Lower confidence for details of strong winds and heavy rain on Wednesday and later on Thursday.

Headline for Tuesday 26 Sep 2023: Windy with showers for a time, perhaps heavy and thundery. Drier later.

Mountain weather hazards on Tuesday 26 Sep 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny intervals	Cloudy	Cloudy	Cloudy	Partly cloudy (night)	Clear night
Precipitation probability					
10%	40%	30%	30%	20%	00%

Forecast for Tuesday 26 Sep 2023

Weather: A fine and dry start to the day however, showers will soon develop during the morning. While most of the showers are expected to be light, some may turn heavy and potentially thundery, particularly in the south and east of the park. These will move quickly, clearing north-eastwards around lunchtime. Then a largely dry afternoon will unfold, with spells of pleasant sunshine and the odd light shower, mainly in the west. Showers fading by the evening to leave a dry end to the day.

Chance of cloud-free hill tops above 600m: 60% becoming 95% by lunchtime.

Low cloud and visibility: Mediocre at height and in any heavy showers this morning, with cloud as low as 300-400m covering summits. The cloud will lift above tops around lunchtime, with visibility becoming good to very good all around.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Tuesday 26 Sep 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	21/28 S	22/31 S	23/32 SW	23/32 SW	18/26 SW	20/29 SW	17/26 SW
300	18/26 S	17/25 SE	18/27 SW	17/25 SW	12/20 SW	15/24 SW	12/21 SW
Valley	10/24 S	11/24 SE	13/26 S	12/26 SW	9/22 SW	10/24 SW	7/20 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/7	12/9	13/9	13/10	11/8	10/6	9/6
300	12/9	14/11	16/13	16/13	14/12	12/10	11/9
Valley	12/10	14/12	17/14	16/14	14/13	12/11	11/9
Freezing Level*	2200m	2400m	2500m	2300m	1800m	1800m	1800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Generally a good day early and late, although the gusty winds could give some buffeting on exposed ridges. Showers may turn heavy without warning leading to poor underfoot conditions along with a risk of thunder.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Mon 25 Sep 2023	0mm	0mm	0mm

Forecast for Wednesday 27 Sep 2023

Weather: A dry start with cloud once again spreading across the park. Winds quickly increasing during the morning along with some outbreaks of rain sweeping eastwards from late morning and through the afternoon. Rain may turn heavy as the day progresses, with gale force winds likely.

Maximum wind: Southerly 30 mph gusting 50 mph by the evening

Chance of cloud-free hill tops above 600m: 90%

Low cloud and visibility: Generally above the tops, with some limited bases down to 500m, especially later in the day. Very good visibility becoming moderate later in the day as rain pushes in from the west.

Temperature: **Valleys:** Plus 9 Celsius becoming plus 14 Celsius.
At 600m: Plus 8 Celsius becoming plus 12 Celsius
Freezing level: Above the summits

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